International Application No PCT/US 00/09543

a. classification of subject matter IPC 7 G06F17/21 G06F G06F17/22 G06F17/30 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) G06F G09B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. HERRON T L: "Teaching with the Internet" 1-3,9, INTERNET AND HIGHER EDUCATION, US, JAI 19, PRESS, STAMFORD, CT, 23 - 25, vol. 1, no. 3, 1998, pages 217-222, 33,34, XP002118719 82-84, ISSN: 1096-7516 86-88 Α 10,12. 15,89, 90,92,93 page 218, line 28 -page 219, line 27 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the lart which is not considered to be of particular relevance. invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but in the art. later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 17 October 2000 24/10/2000 Name and malling address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni. Polzer, A Fax: (+31-70) 340-3016

International Application No
PCT/US 00/09543

US 5 799 157 A (ESCALLON ANDRES) 25 August 1998 (1998-08-25) 1,2,4-8, 19-23, 52-55, 78-80, 24,26, 28,30, 31, 33-35, 57,64, 69-72 abstract column 2, line 48 -column 5, line 22; figures 1-3 WO 98 18086 A (FAMILY SYSTEMS LIMITED) 30 April 1998 (1998-04-30) 1,4-8, 19-23, 34 35-38, 40-46, 50,51 abstract page 5, line 9 -page 7, line 20; figures 1,2 page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAMAY, N. J., vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 45		ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
25 August 1998 (1998-08-25) 19-23, 52-55, 78-80 24,26, 28,30, 31, 33-35, 57,64, 69-72 81,82,90 25 August 1998 (1998-04-30) 26 Abstract column 2, line 48 -column 5, line 22; figures 1-3 27 W0 98 18086 A (FAMILY SYSTEMS LIMITED) 30 April 1998 (1998-04-30) 31,4-8, 19-23,34, 35-38, 40-46, 50,51 29 age 10, line 16 -page 12, line 23; figure 3, 29 age 17, line 5 -page 18, line 24; figure 7, 29 age 21, line 22 -page 24, line 4; figure 8, 29 age 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAMAY, N.J., vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 45; figure 1	ategory '	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
abstract column 2, line 48 -column 5, line 22; figures 1-3 WO 98 18086 A (FAMILY SYSTEMS LIMITED) 30 April 1998 (1998-04-30) 1,4-8, 19-23,34 35-38, 40-46, 50,51 abstract page 5, line 9 -page 7, line 20; figures 1,2 page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XPO00823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line	X Y	US 5 799 157 A (ESCALLON ANDRES) 25 August 1998 (1998-08-25)	19-23, 52-55, 78-80 24,26, 28,30, 31, 33-35, 57,64, 69-72
30 April 1998 (1998-04-30) 19-23,34 35-38, 40-46, 50,51 abstract page 5, line 9 -page 7, line 20; figures 1,2 page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14		column 2, line 48 -column 5, line 22;	81,82,90
abstract page 5, line 9 -page 7, line 20; figures 1,2 page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14			19-23,34 35-38, 40-46,
page 10, line 16 -page 12, line 23; figure 3 page 17, line 5 -page 18, line 24; figure 7 page 21, line 22 -page 24, line 4; figure 8 page 25, line 16 -page 26, line 12; figure 9 AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAMAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14 ——		page 5, line 9 -page 7, line 20; figures	
page 21, line 22 -page 24, line 4; figure page 25, line 16 -page 26, line 12; figure AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14			
page 25, line 16 -page 26, line 12; figure AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14 ——		page 17, line 5 -page 18, line 24; figure 7	
AZUMA J: "CREATING EDUCATIONAL WEB SITES" IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14		8	
IEEE COMMUNICATIONS MAGAZINE, US, IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980 ISSN: 0163-6804 abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14			
abstract page 110, right-hand column, line 8 - line 45; figure 1 page 112, left-hand column, line 8 - line 14		IEEE COMMUNICATIONS MAGAZINE,US,IEEE SERVICE CENTER. PISCATAWAY, N.J, vol. 37, no. 3, March 1999 (1999-03), pages 109-113, XP000823980	
page 112, left-hand column, line 8 - line 14		abstract page 110, right-hand column, line 8 - line	48
-/		page 112, left-hand column, line 8 - line	
		-/	

International Application No PCT/US 00/09543

		PCT/US 00/09543
	lation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GOLDBERG M W ET AL: "World Wide Web - Course tool: An environment for building WWW-based courses" COMPUTER NETWORKS AND ISDN SYSTEMS,NL,NORTH HOLLAND PUBLISHING. AMSTERDAM, vol. 28, no. 11, 1 May 1996 (1996-05-01), pages 1219-1231, XP004018222	26,28
A ·	ISSN: 0169-7552 abstract	25,30, 90,92,93
	page 1227, right-hand column, line 11 -page 1229, left-hand column, line 10	,
Y	WO 98 08344 A (SACHS JAMES; VIRTUAL PRESS (US); POMEROY THOMAS W (US)) 26 February 1998 (1998-02-26) abstract page 6, line 20 -page 7, line 25; figure 1	35-38, 40-46, 50,51
	page 13, line 12 - line 33; figures 2B,4A page 16, line 29 -page 17, line 12; figure 5A page 24, line 1 - line 22; figure 6E	
<i>(</i>	"An Interactive Lesson in the Interactive Course Series" WAITE GROUP PRESS, MACMILLAN COMPUTER PUBLISHING, 'Online! 1996, XP000829591 Retrieved from the Internet: <url:http: www.waite.com=""></url:http:> 'retrieved on 1996!	57
	the whole document	9,24,30, 31,33, 34,47, 48,58, 69,82,90
	WO 98 02836 A (ILIFF EDWIN C) 22 January 1998 (1998-01-22) abstract; figure 2 page 25, line 17 -page 26, line 2; figures 9,10	64
	EP 0 838 798 A (NAT EDUCATION CORP) 29 April 1998 (1998-04-29) abstract page 3, line 28 -page 4, line 2; figures 2,3 page 4, line 58 -page 5, line 9; figure 4	69,70
	-/	

International Application No
PCT/US 00/09543

		PCT/US 00/09543
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GOORFIN L: "ELECTRONIC DICTIONARY PRONOUNCES OVER 83,000 WORDS" SPEECH TECHNOLOGY, MAN-MACHINE VOICE COMMUNICATIONS, US, MEDIA DIMENSIONS INC. NEW YORK, vol. 4, no. 4, 1 April 1989 (1989-04-01), pages 78-79, XP000033505 ISSN: 0744-1355	71,72
A	the whole document	48,49
A	HARTLEY S ET AL: "ENHANCING TEACHING USING THE INTERNET" SIGCSE/SIGCUE CONFERENCE ON INTEGRATING TECHNOLOGY INTO COMPUTER SCIENCE EDUCATION, US, NEW YORK, ACM, vol. CONF. 1, 2 June 1996 (1996-06-02), pages 218-228, XP000643061 ISBN: 0-89791-844-4 page 224, left-hand column, line 1 -page 226, right-hand column, line 3	9,24,30, 31,47, 48,69, 82,90

Information on patent family members

International Application No PCT/US 00/09543

					1.0	1743 00/09343
	atent document d in search repo		Publication date		Patent family member(s)	Publication . date
US	5799157	Α	25-08-1998	AU	4514196	9 03-07-1996
				WO	9618952	
WO	9818086	A	30-04-1998	US	6052717 /	A 18-04-2000
				AU	4711497 /	
				BR	9712428 /	4 25-01-2000
				EP	0932872	
WO	9808344	Α	26-02-1998	US	5956034 A	21-09-1999
				AU	722603 E	
•				AU	4148197 A	
				BR	9713174 A	
			•	CN	1236450 A	24-11-1999
				ΕP	1034467 A	
				JP	2000507728 Т	20-06-2000
WO	9802836	Α	22-01-1998	AU	3797397 A	09-02-1998
				ΑU	4040397 A	
				BR	9712091 A	
				BR	9712092 A	
				CA	2260836 A	22-01-1998
				CN	1246942 A	
				CN	1230266 A	29-09-1999
				EP	0912955 A	06-05-1999
				EP	0912957 A	06-05-1999
				WO	9802837 A	22-01-1998
				US	6022315 A	08-02-2000
				US	5935060 A	10-08-1999
EP (0838798	A	29-04-1998	US	6039575 A	21-03-2000
				AU	4284097 A	30-04-1998
				JP	10207335 A	07-08-1998
				SG	70038 A	25-01-2000